

Ammunition Breakdown Building



Function: Used to breakdown containerized small arms ammunition and load magazines for issue to troops.

Design Drawings: See the ROCA Detail in the Appendix of this document.

Siting Criteria: In accordance with DA PAM 385-64 and UFC 3-570-01, siting will be based on the quantity and classification of the ammunition items that will be involved. This building must be sited no less than 50 feet/15 meters distance from the range firing line, range support facilities, and other exposed sites associated with the range. Because this building will be used to issue ammunition only, not ammunition storage, no explosives safety site plan is required. Design coordination is required between the designer and the specific base personnel.

Size:	11.1 square meters (120 square feet) enclosed 12 square meters (129 square feet) covered
Occupancy:	2
Foundation:	Concrete slab-on-grade with turned-down edges
Shell:	Structural steel frame with metal siding or reinforced split-faced CMU
Roof:	SSMR on wood trusses
Doors:	Hollow metal
Windows:	Hollow metal shutters in metal frames
Interior Finishes:	Painted sheetrock or CMU
HVAC:	None
Lighting:	Incandescent lamps requiring both red and white lamps or globes.
Special Lighting:	Gasketed vapor-proof type enclosed with a guard
Special Switching:	See Night Operations Lighting paragraph
Lightning Protection:	Mast Style Lightning Protection conforming to NFPA 780
Power:	120V
Communications:	None

Night Operations Lighting. To prevent interference with specialized equipment used during night operations, red lenses or red lamps must be provided in addition to standard lighting if the following conditions exist.

- Night training will be performed
- ROCA buildings are near the firing positions
- ROCA building has windows that cannot be covered.

Separate switching for the standard and red lighting shall also be provided, located near points of egress.